VERIFICATION SUMMARY
PATENT APPLICATION: US/10/088,548

DATE: 04/12/2002
TIME: 09:26:43

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04122002\J088548.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application No
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE

PCT10

CRF Errors Corrected by the STIC System Branch

Serial Number: 10/088,9[illegible]

CRF Processing Date: 4/12/02
Edited by:
Verified by: DC (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

PCT10

RAW SEQUENCE LISTING DATE: 04/12/2002
PATENT APPLICATION: US/10/088,548 TIME: 09:26:42

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04122002\J088548.raw

```
      4 <110> APPLICANT: Mogam Biotechnology Research Institute et al
      6 <120> TITLE OF INVENTION: A NOVEL ANGIOGENESIS INHIBITOR
C-->  8 <140> CURRENT APPLICATION NUMBER: US/10/088,548
C-->  8 <141> CURRENT FILING DATE: 2002-03-15
W-->  0 <130> FILE REFERENCE:
      8 <160> NUMBER OF SEQ ID NOS: 14
     10 <170> SOFTWARE: KOPATIN 1.5
     12 <210> SEQ ID NO: 1
     13 <211> LENGTH: 924
     14 <212> TYPE: DNA
     15 <213> ORGANISM: Homo sapiens
     17 <400> SEQUENCE: 1
     18 aaaagccctg tggtccagga ttgctaccat ggtgatggac ggagttatcg aggcatatcc       60
     20 tccaccactg tcacaggaag gacctgtcaa tcttggtcat ctatgatacc acactggcat      120
     22 cagaggaccc cagaaaacta cccaaatgct ggcctgaccg agaactactg caggaatcca      180
     24 gattctggga aacaaccctg gtgttacaca accgatccgt gtgtgaggtg ggagtactgc      240
     26 aatctgacac aatgctcaga aacagaatca ggtgtcctag agactcccac tgttgttcca      300
     28 gttccaagca tggaggctca ttctgaagca gcaccaactg agcaaacccc tgtggtccgc      360
     30 cagtgctacc atggcaatgg ccagagttat cgaggcacat tctccaccac tgtcacagga      420
     32 aggacatgtc aatcttggtc atccatgaca ccacaccggc atcagaggac cccagaaaac      480
     34 tacccaaatg atggcctgac aatgaactac tgcaggaatc cagatgccga tacaggccct      540
     36 tggtgtttta ccacggaccc cagcatcagg tgggagtact gcaacctgac gcgatgctca      600
     38 gacacagaag ggactgtggt cgctcctccg actgtcatcc aggttccaag cctagggcct      660
     40 ccttctgaac aagactgtat gtttgggaat gggaaaggat accggggcaa gaaggcaacc      720
     42 actgttactg ggacgccatg ccaggaatgg gctgcccagg agccccatag acacagcacg      780
     44 ttcattccag ggacaaataa atgggcaggt ctggaaaaaa attactgccg taaccctgat      840
     46 ggtgacatca atggtccctg gtgctacaca atgaatccaa gaaaactttt tgactactgt      900
     48 gatatccctc tctgtgcatc ctct                                           924
     51 <210> SEQ ID NO: 2
     52 <211> LENGTH: 308
     53 <212> TYPE: PRT
     54 <213> ORGANISM: Homo sapiens
     56 <400> SEQUENCE: 2
     57 Lys Ser Pro Val Val Gln Asp Cys Tyr His Gly Asp Gly Arg Ser Tyr
     58   1               5                  10                  15
     60 Arg Gly Ile Ser Ser Thr Thr Val Thr Gly Arg Thr Cys Gln Ser Trp
     61              20                  25                  30
     63 Ser Ser Met Ile Pro His Trp His Gln Arg Thr Pro Glu Asn Tyr Pro
     64          35                  40                  45
     66 Asn Ala Gly Leu Thr Glu Asn Tyr Cys Arg Asn Pro Asp Ser Gly Lys
     67      50                  55                  60
     69 Gln Pro Trp Cys Tyr Thr Thr Asp Pro Cys Val Arg Trp Glu Tyr Cys
     70  65                  70                  75                  80
```

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```
72 Asn Leu Thr Gln Cys Ser Glu Thr Glu Ser Gly Val Leu Glu Thr Pro
73                  85                  90                  95
75 Thr Val Val Pro Val Pro Ser Met Glu Ala His Ser Glu Ala Ala Pro
76             100                 105                 110
78 Thr Glu Gln Thr Pro Val Val Arg Gln Cys Tyr His Gly Asn Gly Gln
79         115                 120                 125
81 Ser Tyr Arg Gly Thr Phe Ser Thr Thr Val Thr Gly Arg Thr Cys Gln
82     130                 135                 140
84 Ser Trp Ser Ser Met Thr Pro His Arg His Gln Arg Thr Pro Glu Asn
85 145                 150                 155                 160
87 Tyr Pro Asn Asp Gly Leu Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala
88                 165                 170                 175
90 Asp Thr Gly Pro Trp Cys Phe Thr Thr Asp Pro Ser Ile Arg Trp Glu
91             180                 185                 190
93 Tyr Cys Asn Leu Thr Arg Cys Ser Asp Thr Glu Gly Thr Val Val Ala
94         195                 200                 205
96 Pro Pro Thr Val Ile Gln Val Pro Ser Leu Gly Pro Pro Ser Glu Gln
97     210                 215                 220
99 Asp Cys Met Phe Gly Asn Gly Lys Gly Tyr Arg Gly Lys Lys Ala Thr
100 225                 230                 235                 240
102 Thr Val Thr Gly Thr Pro Cys Gln Glu Trp Ala Ala Gln Glu Pro His
103                 245                 250                 255
105 Arg His Ser Thr Phe Ile Pro Gly Thr Asn Lys Trp Ala Gly Leu Glu
106             260                 265                 270
108 Lys Asn Tyr Cys Arg Asn Pro Asp Gly Asp Ile Asn Gly Pro Trp Cys
109         275                 280                 285
111 Tyr Thr Met Asn Pro Arg Lys Leu Phe Asp Tyr Cys Asp Ile Pro Leu
112     290                 295                 300
114 Cys Ala Ser Ser
115 305
118 <210> SEQ ID NO: 3
119 <211> LENGTH: 273
120 <212> TYPE: DNA
121 <213> ORGANISM: Homo sapiens
123 <400> SEQUENCE: 3
124 aaaagccctg tggtccagga ttgctaccat ggtgatggac ggagttatcg aggcatatcc       60
126 tccaccactg tcacaggaag gacctgtcaa tcttggtcat ctatgatacc acactggcat      120
128 cagaggaccc cagaaaacta cccaaatgct ggcctgaccg agaactactg caggaatcca      180
130 gattctggga aacaaccctg gtgttacaca accgatccgt gtgtgaggtg ggagtactgc      240
132 aatctgacac aatgctcaga aacagaatca ggt                                   273
135 <210> SEQ ID NO: 4
136 <211> LENGTH: 91
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 4
141 Lys Ser Pro Val Val Gln Asp Cys Tyr His Gly Asp Gly Arg Ser Tyr
142   1               5                  10                  15
144 Arg Gly Ile Ser Ser Thr Thr Val Thr Gly Arg Thr Cys Gln Ser Trp
145             20                  25                  30
```

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Input Set : A:\PTO.DC.txt
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```
147 Ser Ser Met Ile Pro His Trp His Gln Arg Thr Pro Glu Asn Tyr Pro
148          35                  40                  45
150 Asn Ala Gly Leu Thr Glu Asn Tyr Cys Arg Asn Pro Asp Ser Gly Lys
151      50                  55                  60
153 Gln Pro Trp Cys Tyr Thr Thr Asp Pro Cys Val Arg Trp Glu Tyr Cys
154  65                  70                  75                  80
156 Asn Leu Thr Gln Cys Ser Glu Thr Glu Ser Gly
157                  85                  90
160 <210> SEQ ID NO: 5
161 <211> LENGTH: 267
162 <212> TYPE: DNA
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 5
166 gtccgccagt gctaccatgg caatggccag agttatcgag gcacattctc caccactgtc       60
168 acaggaagga catgtcaatc ttggtcatcc atgacaccac accggcatca gaggacccca      120
170 gaaaactacc caaatgatgg cctgacaatg aactactgca ggaatccaga tgccgataca      180
172 ggcccttggt gttttaccac ggaccccagc atcaggtggg agtactgcaa cctgacgcga      240
174 tgctcagaca cagaagggac tgtggtc                                          267
177 <210> SEQ ID NO: 6
178 <211> LENGTH: 89
179 <212> TYPE: PRT
180 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 6
183 Val Arg Gln Cys Tyr His Gly Asn Gly Gln Ser Tyr Arg Gly Thr Phe
184   1               5                  10                  15
186 Ser Thr Thr Val Thr Gly Arg Thr Cys Gln Ser Trp Ser Ser Met Thr
187              20                  25                  30
189 Pro His Arg His Gln Arg Thr Pro Glu Asn Tyr Pro Asn Asp Gly Leu
190          35                  40                  45
192 Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala Asp Thr Gly Pro Trp Cys
193      50                  55                  60
195 Phe Thr Thr Asp Pro Ser Ile Arg Trp Glu Tyr Cys Asn Leu Thr Arg
196  65                  70                  75                  80
198 Cys Ser Asp Thr Glu Gly Thr Val Val
199                  85
202 <210> SEQ ID NO: 7
203 <211> LENGTH: 258
204 <212> TYPE: DNA
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 7
208 gaacaggact gcatgtttgg gaatgggaaa ggataccggg gcaagaaggc aaccactgtt       60
210 actgggacgc catgccagga atgggctgcc caggagcccc atagacacag cacgttcatt      120
212 ccagggacaa ataaatgggc aggtctggaa aaaaattact gccgtaaccc tgatggtgac      180
214 atcaatggtc cctggtgcta cacaatgaat ccaagaaaac tttttgacta ctgtgatatc      240
216 cctctctgtg catcctct                                                   258
219 <210> SEQ ID NO: 8
220 <211> LENGTH: 86
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
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<400> SEQUENCE: 8
Glu Gln Asp Cys Met Phe Gly Asn Gly Lys Gly Tyr Arg Gly Lys Lys
1 5 10 15
Ala Thr Thr Val Thr Gly Thr Pro Cys Gln Glu Trp Ala Ala Gln Glu
20 25 30
Pro His Arg His Ser Thr Phe Ile Pro Gly Thr Asn Lys Trp Ala Gly
35 40 45
Leu Glu Lys Asn Tyr Cys Arg Asn Pro Asp Gly Asp Ile Asn Gly Pro
50 55 60
Trp Cys Tyr Thr Met Asn Pro Arg Lys Leu Phe Asp Tyr Cys Asp Ile
65 70 75 80
Pro Leu Cys Ala Ser Ser
85

<210> SEQ ID NO: 9
<211> LENGTH: 29
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: single standed oligonucleotide
<400> SEQUENCE: 9
tccatatgaa aagccctgtg gtccaggat 29

<210> SEQ ID NO: 10
<211> LENGTH: 33
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: single stranded oligonucleotide
<400> SEQUENCE: 10
cagtccatat ggtccgccag tgctaccatg gca 33

<210> SEQ ID NO: 11
<211> LENGTH: 31
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: single stranded olgonucleotide
<400> SEQUENCE: 11
ggaattccat atggaacagg actgcatgtt t 31

<210> SEQ ID NO: 12
<211> LENGTH: 26
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: single stranded oligonucleotide
<400> SEQUENCE: 12
cgggatcctt aacctgattc tgtttc 26

<210> SEQ ID NO: 13
<211> LENGTH: 26
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 04/12/2002
PATENT APPLICATION: US/10/088,548 TIME: 09:26:42

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04122002\J088548.raw

297 <220> FEATURE:
298 <223> OTHER INFORMATION: single stranded oligonucleotide
300 <400> SEQUENCE: 13
301 cgggatcctt agaccacagt cccttc 26
304 <210> SEQ ID NO: 14
305 <211> LENGTH: 23
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: single stranded oligonucleotide
312 <400> SEQUENCE: 14
313 cgggatcctt aagaggatgc aca 23